IN THE SPECIFICATION

Please amend the specification as follows:

Replace the paragraph spanning pages 1-2, between page 1, line 23, and page 2, line 15 of the specification with the following:

By retrieving the event information from the play list that is associated with the data stream comprising video or audio data the event information is no longer retrieved from the data stream comprising the video or audio data. Since the event information is not comprised in the data stream, reprocessing of the data stream is not required and the data stream can remain unchanged when the event information is changed. In addition, by retrieving the event information from the play list a timing correlation between the playback of the video or audio information in the data stream and the event information can be established. The playlist provides the playback device with information about when sections of the video or audio stream are to be played back. For instance a chapter mark indicating the start of a chapter can be used to activate

functionality provided by a Java ~~aplication~~ application that is related to this chapter. In this way the functionality associated to a chapter can be provided at the right moment, i.e. coordinated with the start of the playback of that chapter.

Changing event information requires the reprocessing of the playlist, which results in substantially less processing compared to the situation where the data stream must be reprocessed to change event information. In addition the playback device benefits from having the event information in the playlist because it no longer needs to demultiplex the event information from the data stream, reducing the required processing resources. An additional advantage is that the playback device is aware of the event information before the event arrives, because the playlist is retrieved before the events happen, and can thus schedule the launch of applications much better by anticipating the need to start the application and the anticipated processor work load at the moment of the start of the application and at the moment the event is reached during playback.

Replace the paragraph spanning pages 6-7, between page 6, line 29, and page 7, line 17 of the specification with the following:

The playback device 2 is arranged for retrieving data, comprising a data stream, from the record carrier 1. The record carrier can be a DVD or a Blu-disk or any other record carrier comprising a data stream comprising video information and a playlist. The playback device comprises a basic engine 3 for retrieving the data form the record carrier 1. The basic engine 3 is connected to a processor 4 via a bidirectional interface. The processor can, via the bidirectional interface, instruct the basic engine to retrieve data from locations on the record carrier 1 indicated by the processor 4. The processor 4 can thus instruct the basic engine 3 to retrieve a playlist from the record carrier 1 and to retrieve data comprising a data stream, or sections there of, from the record carrier 1. After the processor 4 received the playlist from the basic engine 3, the processor 4 retrieves event information form the playlist in a first section 7 of the processor 4 and ~~provides~~ monitors whether the playback of the record carrier reached the location of one of the events retrieved from the

playlist. When the playback reaches the location of an event the first section of the processor provides the event information to a second section 6 of the processor that is used to run an application for providing a certain functionality when the location of a certain event is reached during playback. The application run by the second section 6 of the processor receives the event information and provides a functionality for instance in the form of video information to be displayed on a television set or monitor coupled to the playback device 2. In order to provide the functionality the second section 6 provides, in the example of video information, the video information to an output means 8 in the processor. The output means 8 provides the received video information obtained from the second section 6 to an output 9 of the playback device 2. The output 9 is connected to a television set or a monitor for viewing the video information.

Replace the paragraph on page 8, between lines 13-23 of the specification with the following:

The hardware layer ~~20retrieves~~ <u>20 retrieves</u> the playlist from

the recording medium and provides the playlist to the intermediate

layer 21. The intermediate layer 21 ~~than~~ then translates the

playlist into the correct format for the top application layer 22.

The top application layer 22 processes the playlist and ~~retrievest~~

retrieves the event information. Based on the event information the

top ~~aplication~~ application level 22 starts monitoring the progress

of the playback by requesting playback progress status reports from

the intermediate layer 21, which in turn request these playback

progress status reports from the hardware layer 20. Once a playback

progress status report is received, from the hardware layer 20

through the intermediate layer 21, indicating that the playback has

progressed to the point in the data stream associated with the

event derived from the event information, the top level application

starts providing the functionality associated with the event.

Replace the paragraph spanning pages 8-9, between page 8, line

24, and page 9, line 2 of the specification with the following:

When the intermediate layer 21 monitors the progress of the

playback of the data stream the intermediate layer 21 requests

retrieval of the playlist from the record carrier. The intermediate

layer 21 requests the retrieval of the playlist by the hardware

layer 20. The hardware layer ~~20retrieves~~ 20 retrieves the playlist

from the recording medium and provides the playlist to the

intermediate layer 21. The intermediate layer 21 than extracts the

event information from the playlist. Based on the event information

the intermediate level 21 starts monitoring the progress of the

playback by requesting playback progress status reports from the

hardware layer 20. Once a playback progress status report is

received indicating that the playback has progressed to the point

in the data stream associated with the event derived from the event

information, the intermediate level 21 provides the event

information to the top level application 22 which can then in turn

start providing the functionality associated with the event.

Replace the paragraph on page 9, between lines 5-14 of the

specification with the following:

In a first step 30, the top level application ~~request~~ requests

the retrieval of the playlist. Once the playlist is retrieved the

event information is extracted from the playlist in a second step

31. The event information is then provided to the top level

~~aaplication~~ application in a third step 32. Subsequently the top

level application, in a fourth step 33, requests the processor,

i.e. as explained an intermediate level application running on the

processor, to monitor the progress of the playback of the data

stream. This intermediate level application running on the

processor monitors, in a fifth step ~~34 ,the~~ 34, the progress of the

playback of the data stream in a fifth step comprising a loop. The

intermediate level application checks whether the playback has

progressed to a certain point. If the playback has not reached the

event location the intermediate application continues to monitor.

Replace the paragraph on page 9, between lines 15-21 of the

specification with the following:

If the playback reached the event location a report is issued

in the fifth step 34 to the top level ~~aplication~~ application, the

operation of the fourth step 33 continuing from this point and

advancing to the sixth step 35 where the application starts

providing the functionality associated with the event. Thus the

event information provided in this case is the location of the

event. The top level application is aware of the monitoring of the

playback and is waiting, expecting a trigger in the form of

information about the status of the playback from another

application that actually performs the monitoring.

Replace the paragraph spanning pages 9-10, between page 9,

line 24, and page 10, line 4 of the specification with the

following:

In a first step 40 the top level application ~~request~~ requests

the retrieval of the playlist.

Once the playlist is retrieved the event information is

extracted from the playlist in a second step 41. The event

information is then provided to the an intermediate level

~~aplication~~ application in a third step 42. Subsequently the

intermediate level application, running on the processor starts

monitoring the progress of the playback of the data stream. The

monitoring of the progress of the playback of the data stream in

the fourth step 44 comprises a loop. The intermediate level

application checks whether the playback has progressed to a certain

point. If the playback has not reached the event location the

intermediate application continues to monitor.

If the playback reached the event location a report comprising

the event information retrieved from the playlits is issued in the

fifth step 43 to the top level ~~aplication~~ application. The method

then advances to the sixth step 45 where the application starts

providing the functionality associated with the event. Thus the

event information provided in this case is the actual reaching of

the event by the playback. The top level application is not aware

of the monitoring of the playback but gets a trigger in the form of

the event information from another application that actually

performs the monitoring.